

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102321\  
 Data File : VX024894.D  
 Acq On : 23 Oct 2021 14:38  
 Operator : JC/MD  
 Sample : M4291-24  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 25 02:33:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 25 02:31:08 2021  
 Response via : Initial Calibration

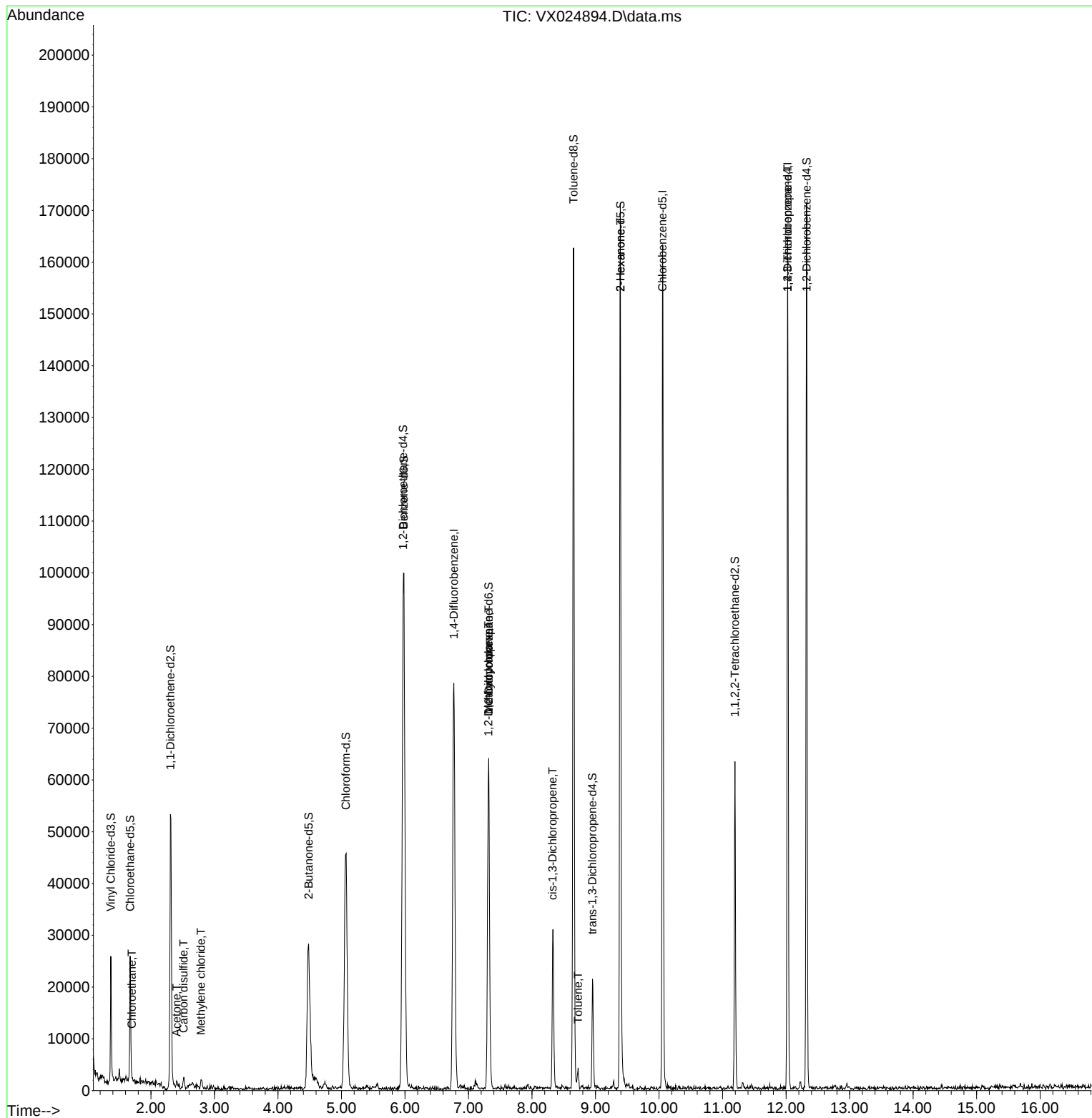
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.769  | 114   | 74695    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 69109    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 30903    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.368  | 65    | 14500    | 6.612    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 132.200%# |
| 7) Chloroethane-d5            | 1.672  | 69    | 14170    | 7.172    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 143.400%# |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63    | 31927    | 3.906    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.200%   |
| 20) 2-Butanone-d5             | 4.483  | 46    | 53311    | 66.494   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 132.980%# |
| 24) Chloroform-d              | 5.068  | 84    | 62898    | 5.958    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 119.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.970  | 65    | 34739    | 6.021    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 120.400%  |
| 32) Benzene-d6                | 5.983  | 84    | 98811    | 6.136    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 122.800%  |
| 36) 1,2-Dichloropropane-d6    | 7.318  | 67    | 31734    | 6.177    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 123.600%  |
| 41) Toluene-d8                | 8.653  | 98    | 93615    | 5.799    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 116.000%  |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79    | 11181    | 4.742    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.800%   |
| 46) 2-Hexanone-d5             | 9.391  | 63    | 50174    | 59.123   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 118.240%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 22875    | 5.826    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 116.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 31423    | 6.034    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 120.600%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 8) Chloroethane               | 1.697  | 64    | 269      | 0.122    | ug/L # | 42        |
| 13) Acetone                   | 2.404  | 43    | 2052     | 3.412    | ug/L   | 93        |
| 14) Carbon disulfide          | 2.514  | 76    | 2743     | 0.219    | ug/L # | 93        |
| 16) Methylene chloride        | 2.788  | 84    | 879      | 0.165    | ug/L # | 73        |
| 35) Methylcyclohexane         | 7.318  | 83    | 8972     | 0.976    | ug/L # | 22        |
| 37) 1,2-Dichloropropane       | 7.312  | 63    | 3827     | 0.775    | ug/L # | 87        |
| 39) cis-1,3-Dichloropropene   | 8.324  | 75    | 811      | 0.097    | ug/L # | 78        |
| 42) Toluene                   | 8.726  | 91    | 1907     | 0.081    | ug/L   | 98        |
| 48) 2-Hexanone                | 9.391  | 43    | 6591     | 4.106    | ug/L # | 64        |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75    | 4035     | 1.338    | ug/L # | 61        |
| -----                         |        |       |          |          |        |           |

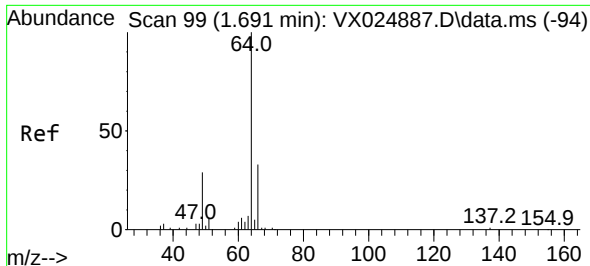
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_X  
ClientSampled :

Quant Time: Oct 25 02:33:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 25 02:31:08 2021  
Response via : Initial Calibration

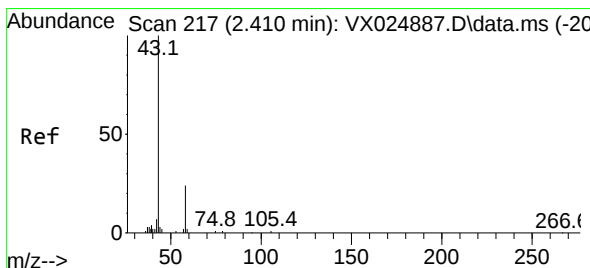
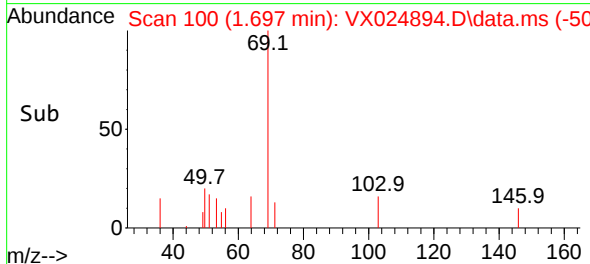
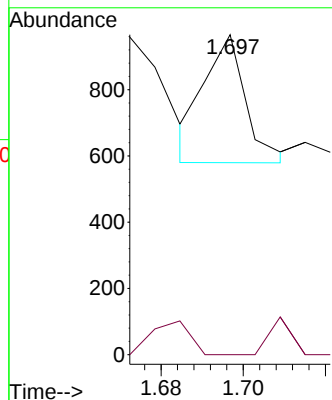
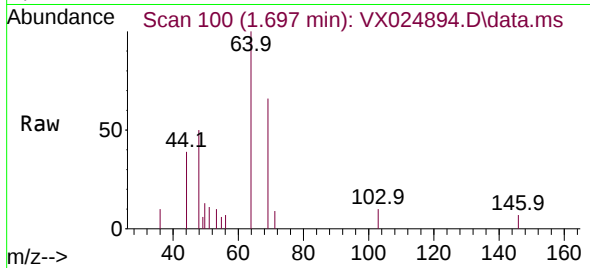




#8  
Chloroethane  
Concen: 0.122 ug/L  
RT: 1.697 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

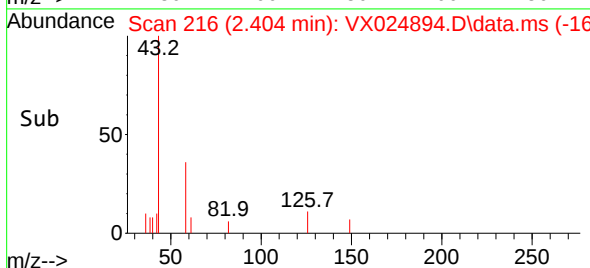
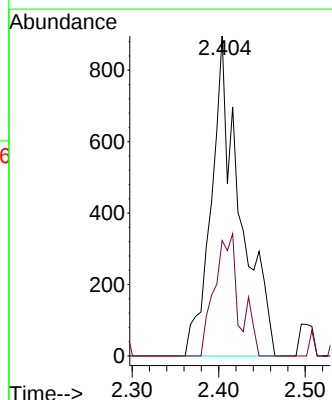
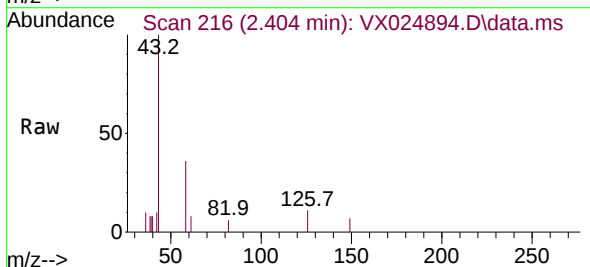
Instrument :  
MSVOA\_X  
ClientSampled :

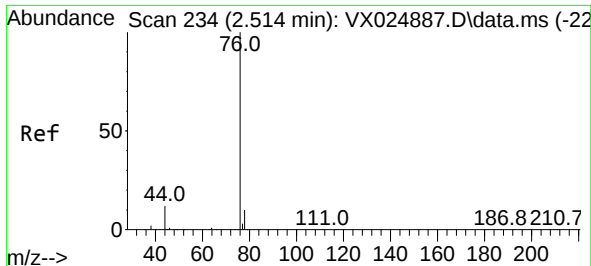
Tgt Ion: 64 Resp: 269  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.6 42.0#



#13  
Acetone  
Concen: 3.412 ug/L  
RT: 2.404 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

Tgt Ion: 43 Resp: 2052  
Ion Ratio Lower Upper  
43 100  
58 28.5 0.0 64.2

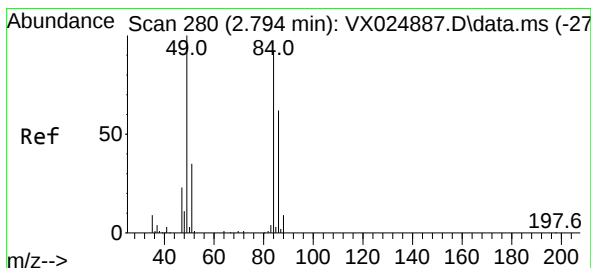
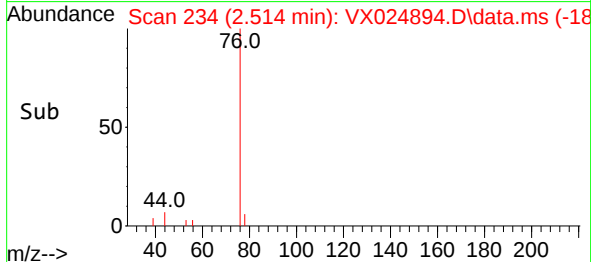
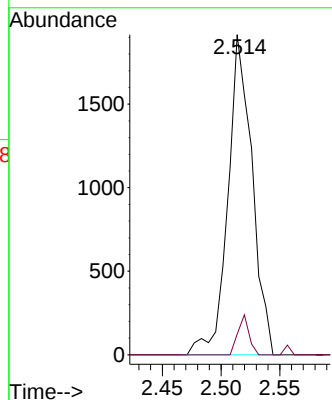
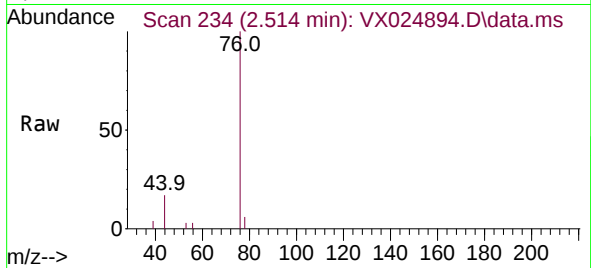




#14  
Carbon disulfide  
Concen: 0.219 ug/L  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

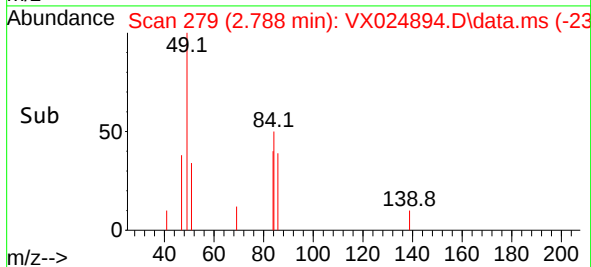
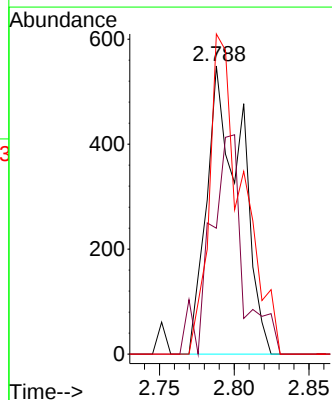
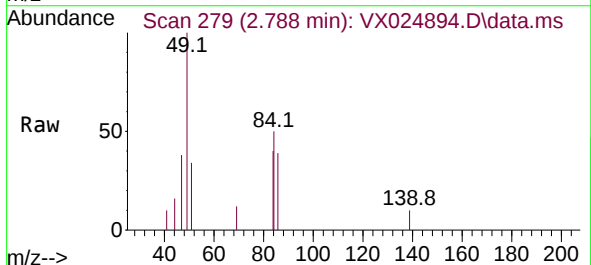
Instrument :  
MSVOA\_X  
ClientSampled :

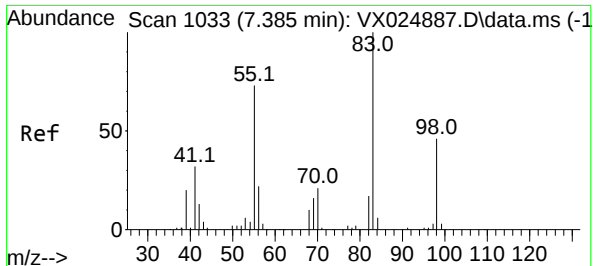
Tgt Ion: 76 Resp: 2743  
Ion Ratio Lower Upper  
76 100  
78 6.4 7.1 10.7#



#16  
Methylene chloride  
Concen: 0.165 ug/L  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

Tgt Ion: 84 Resp: 879  
Ion Ratio Lower Upper  
84 100  
86 43.7 49.5 91.9#  
49 111.1 62.7 116.5

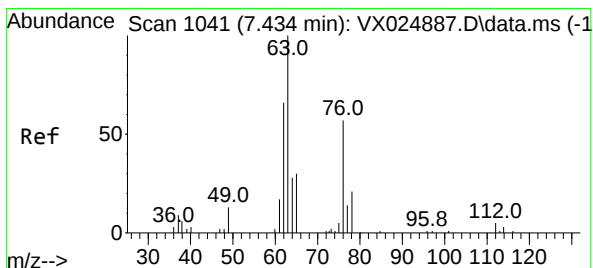
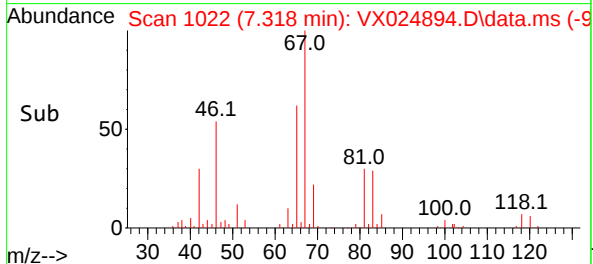
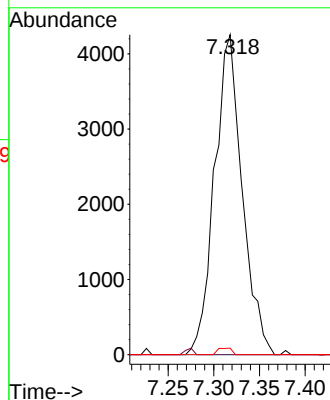
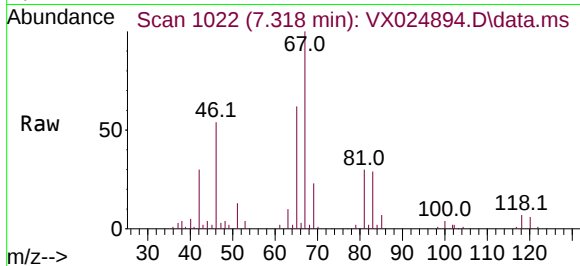




#35  
Methylcyclohexane  
Concen: 0.976 ug/L  
RT: 7.318 min Scan# 1022  
Delta R.T. -0.067 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

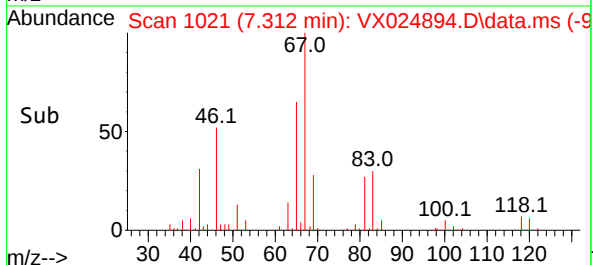
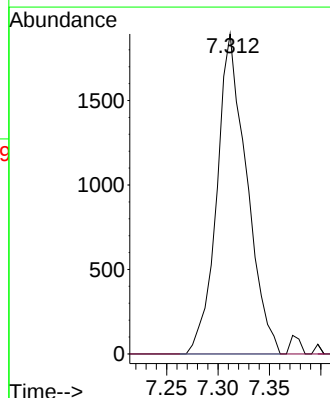
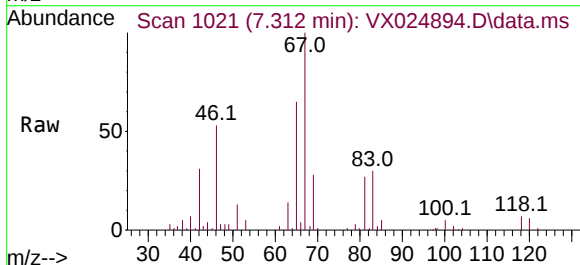
Instrument :  
MSVOA\_X  
ClientSampled :

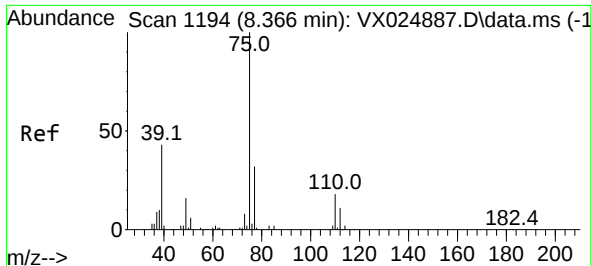
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.6   | 55.7  | 83.5# |
| 98      | 1.0   | 38.3  | 57.5# |



#37  
1,2-Dichloropropane  
Concen: 0.775 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.122 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.5   | 5.3#  |



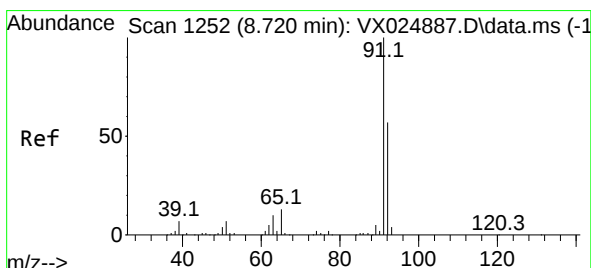
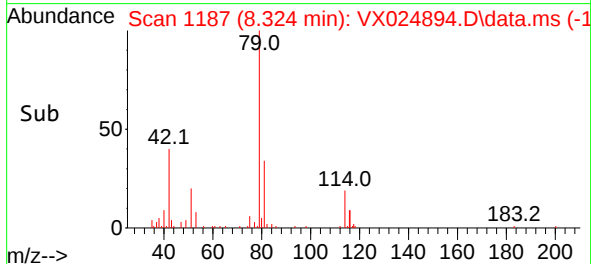
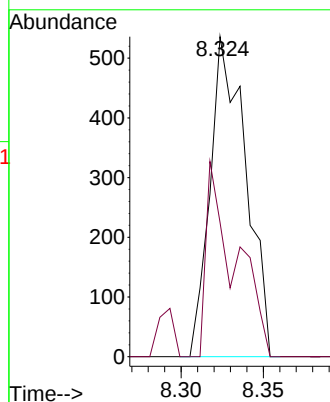
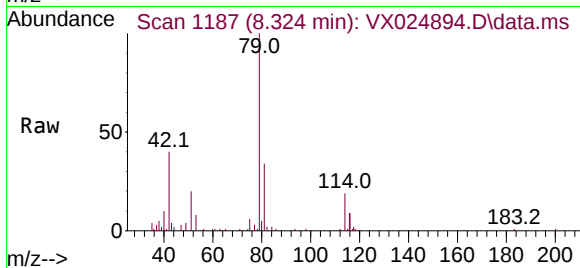


#39

cis-1,3-Dichloropropene  
Concen: 0.097 ug/L  
RT: 8.324 min Scan# 1187  
Delta R.T. -0.043 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

Instrument :  
MSVOA\_X  
ClientSampled :

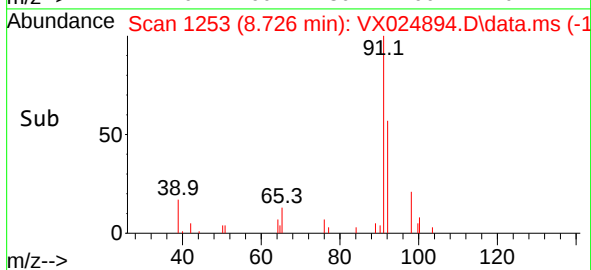
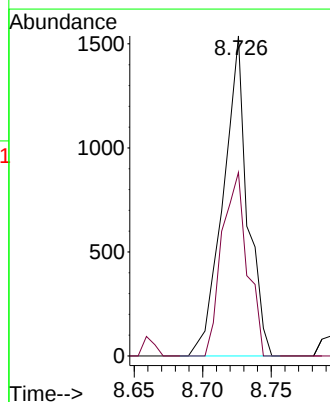
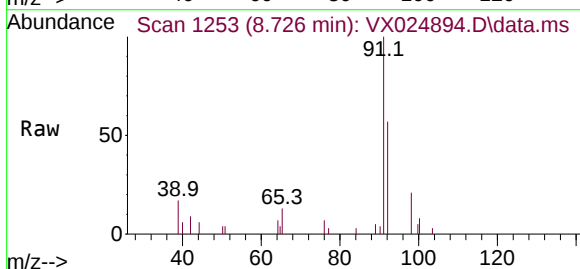
Tgt Ion: 75 Resp: 811  
Ion Ratio Lower Upper  
75 100  
77 42.0 20.9 38.9#

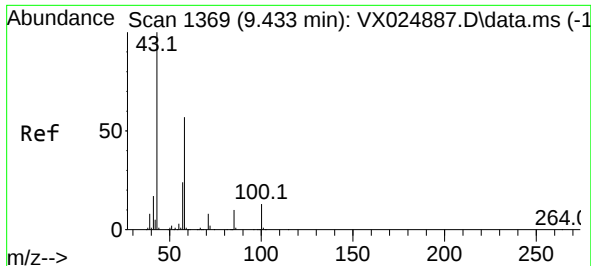


#42

Toluene  
Concen: 0.081 ug/L  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

Tgt Ion: 91 Resp: 1907  
Ion Ratio Lower Upper  
91 100  
92 57.3 39.1 72.5

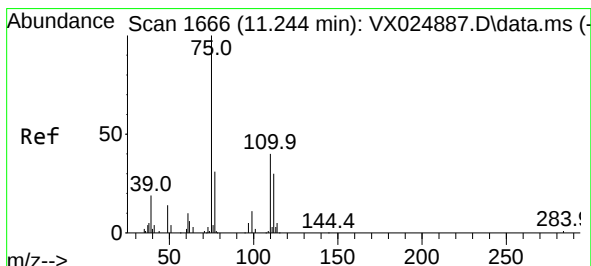
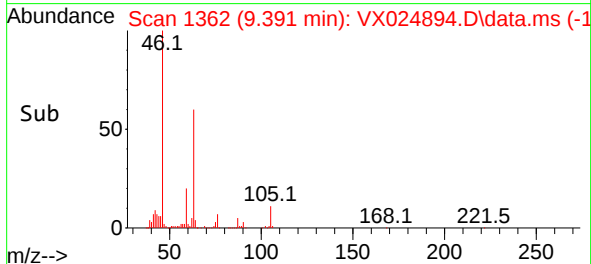
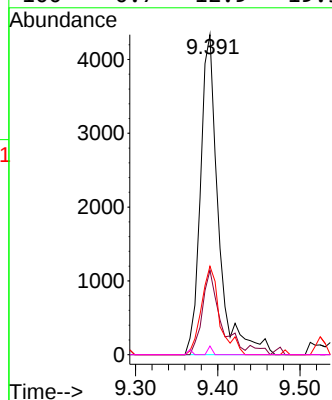
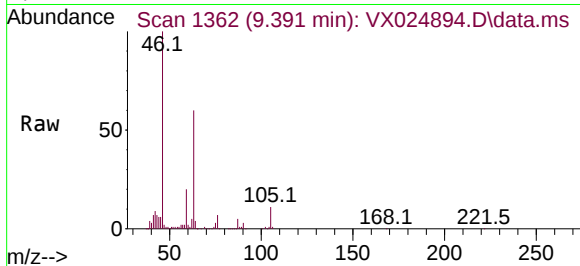




#48  
2-Hexanone  
Concen: 4.106 ug/L  
RT: 9.391 min Scan# 1362  
Delta R.T. -0.043 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

Instrument :  
MSVOA\_X  
ClientSampled :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 6591  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 26.4     | 52.7 79.1#  |
| 57 28.0     | 21.2 31.8   |
| 100 0.7     | 12.9 19.3#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.338 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.780 min  
Lab File: VX024894.D  
Acq: 23 Oct 2021 14:38

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 4035  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 41.7     | 28.1 42.1   |
| 110 3.6     | 34.7 52.1#  |

